

1	1. A system for transferring real time video information from a source
281	device to one of a plurality of output devices, the system comprising:
3	an image capturing device for acquiring video information, the image
4	capturing device comprising a processor, a graphics module coupled to the processor, a
5	browsing device coupled to the processor, a packetizing portion coupled to the processor,
6	the packetizing portion being adapted to convert the video information into a packetized
7	stream of information, the packetized stream of information being in a first format, and an
8	output device coupled to the processor for transferring the packetized stream of
9	information to a network;
10	a network gateway coupled to the image capturing device through the
11	network, the network gateway being coupled to a worldwide network of computers, the
12	network gateway comprising a gateway transcoding device for converting the packetized
13	stream of information from the first format to a second format, the network gateway also
14	comprising a packetizing portion for transferring the packetized stream of information in
15	the second format to the network; and
16	a display device coupled to the network gateway through the world wide
17	network of computers, the display device comprising a display device for converting the
18	packetized stream of information into video information for display, the display device
19	also comprising a display for displaying the video information on the display device.
1	2. The system of claim 1 wherein the packetized stream of
2	information in the first format is compressed.
1	3. The system of claim 1 wherein the display device is coupled to a
2	wireless network, the wireless network being coupled to the world wide network of
3	computers.
1	The system of claim 1 wherein the display device is selected from
2	one of a plurality of devices including a portable computer, a laptop computer, a personal
3	digital assistant, a web appliance, a personal computer, and a work station.
1	5. The system of claim 1 wherein the first format is different in type
2	from the second format.
1	6. The system of claim 1 wherein the first format is selected from the
2	group consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP,
3	MP1, MP2, MP3, and 6/723.1.

1	7.	The system of claim 1 wherein the second format is selected from
2	the group consisting	of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP,
3	MP1, MP2, MP3, and	d G.723.1.
1	8.	The system of claim 1 wherein the image capturing device is a
2	video camera.	
1	9.	The system of claim 1 wherein the network gateway comprises a
2	look up table.	
1	10.	The system of claim 1 wherein the image capturing device is
2	coupled to a persona	computer that is coupled via a wireless medium to the network.
1	11.	A system for personal broadcasting to a mobile display device
2	comprises:	
3	a proc	essor; and
4	a pers	onal broadcasting server coupled to the processor and coupled to a
5	wide area network of	computers comprising:
6		an image retrieval portion configured to retrieve incoming video
7	signals in a first form	at;
8	}	a look up table coupled to the personal broadcasting web site for
9	determining paramet	ers for a second format for the incoming video signals; and
10) · ·	a transcoding module coupled to the image retrieval portion and to
11	the look up table, the	transcoding module configured to convert the incoming video signal
12	from the first format	into the second format in response to the parameters;
13	where	in the second format is more appropriate for the mobile display
.14	device than the first	format.
1	12.	The system of claim 11 wherein the image retrieval portion is
2	configured to receive	the incoming video signals from a video camera.
1	13.	The system of claim 11 wherein the image retrieval portion is
2	configured to receive	the incoming video signals from a data file.
1	14.	The system of claim 11 wherein the second format is compressed.
. 1	15.	The system of claim 11 wherein the first format is selected from
2	the group consisting	of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-GIF, ACELP,
3	MP1, MP2, MP3, an	d G./23.1.
1	16.	The system of claim 11 wherein the second format is selected is
2	2 V selected from the gro	up consisting of MPEG-1, MPEG-2, MPEG-4, H.263, M-JPEG, M-
3	GIF ACELP MP1	MP2, MP3, and G.723.1.

	1	17. The system of claim 1 wherein the parameters from the look up
۱,	2	table includes pixel bit-depth data.
47.	1	18. The system of claim 1 wherein the parameters from the look up
	2	table includes frame rate data.
	1	19. A distributed system for broadcasting personal streaming data
	2	comprises:
	3	a video data source coupled to a network, the video data source configured
	4	to provide an output stream of video data, the output stream of video data having a first
	5 .	set of video parameters;
	6	a client device coupled to the network, the client device configured to
	7	receive an input stream of video data, the input stream of video data having a second set
	8	of video parameters, and configured to output a device identifier;
j	9	a gateway server coupled to the video data source and to the client device
	10	across the network, the gateway server configured to receive the output stream of video
<u>.</u>	11 .	data and to receive the device identifier, and in response to generate the input stream of
i L	12	video data in response to the device dentifier; and
Novo And 8º Karit thou	13	wherein at least one parameter in the first set of video parameters is larger
	14	than a corresponding parameters of the second set of video parameters.
Sould Your Book Years There Sould	1	20. The system of claim 19:
	2	wherein the video data source is also configured to receive video data, and
	3	wherein the output stream of video data is determined in response to the
	4	video data.
:	1	21. The system of claim 19:
•	2.	wherein the video data source is also configured to retrieve a data file from
	3	a memory, and
	4	wherein the output stream of video data is determined in response to the
	5	data file from the memory.
	1	22. The system of claim 19:
	2	wherein the gateway server comprises a look up table, the look up table
	3	associating the device dentifier with the second set of video parameters; and
	4	wherein the gateway server generates the input stream of video data in
	5	response to the second set of video parameters.
	1	23. The system of claim 19 wherein the at least one parameter in the
	2	first set of video parameters is a frame rate parameter.

1	24. The system of claim 19 wherein the at least one parameter in the
2	first set of video parameters is a bit rate parameter.
1	25. The system of claim 19 wherein at least another parameter in the
2	second set of video parameters comprises a compression format.
1	26. The system of claim 25 wherein the compression format is selected
2	from the group comprising: GIF, JPEG, MPEG.
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